

## SEALED SOURCE SAFETY ANALYSIS

Date: 6/4/2012

SRS ID Number: 202214

Department/Division: PO

Building: 510

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	Nuclide 1	Nuclide 2	Nuclide 3	Nuclide 4	Nuclide 5
Nuclide	Fe-55				
Original Activity (μCi)	500.00				
Present Activity (μCi)	109.43				

Manufacturer/Model: North American Scientific / Custom

Assay Date: 6/1/2006

Date of Certification: NA

Special Form Certificate: NA

Expiration Date: NA

Recommended Working Life (RWL): 13

RWL Basis (Certificate/Default): Default

Years in Service: 5

Requesting RWL extension: NO

Total number of extensions, including this request (if applicable): NA

ANSI/ISO Certificate Number: NA

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Temperature	External Pressure	Impact	Vibration	Puncture	Bending

Photograph File Name(s): 202214120518

Results of visual inspection: Source encapsulation appears to be intact and in acceptable condition.

Source Application/Use: Detector response and energy or efficiency calibrations.

Restrictions/Limitations: This source may be used only under conditions typical of a working office or laboratory environment, e.g., room temperature and standard ambient atmospheric pressure; it should not be subjected to unusual mechanical or environmental stresses, such as impacts, vibration or abrasion; it should not be exposed to moisture, corrosive materials or corrosive liquids. The source may not be transported to other locations by the end user. Operations that deviate from these restrictions require the approval of the Department/Division head and the RCD Manager.

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### Approvals

Department Source Custodian: \_\_\_\_\_

Department/Division: \_\_\_\_\_

RCD Manager (if applicable): \_\_\_\_\_



BNL-RCD 202214

Model: Custom  
Isotope: Fe-55  
Activity: 500 uCi  
Reference Date: 06/01/06  
Serial Number: 95286  
Manufactured by: **north american**  
SCIENTIFIC



Contamination Level (internal) \_\_\_\_\_  
Contamination Level (external) \_\_\_\_\_  
Surveyor: J. VIGNOLA  
Material Description Fe-55  
Radiation Instrument- Type, S/N BICRON PRM  
Contamination Instrument- Type 450 LSC 42

